

WHAT IS CLAIMED IS

1. In the surgical treatment of the human or animal body, a method of controlling excessive bleeding, the method comprising:

inserting a device into the tissue or organ to be treated, the device comprising an applicator having a source of microwave power, the applicator being in the form of a waveguide for microwave transmission extending to one face of the applicator, and an array of needles arranged so as to extend from said one face of the applicator;

positioning the array of needles so that said one face of the applicator and the array of needles surround a volume of the tissue to be treated, the array of needles serving to confine the microwave energy field formed within the applicator; and

applying microwave energy confined by the needles to the volume of the tissue to be treated.

2. A method as claimed in claim 1 further comprising applying microwave energy to the volume of the tissue to be treated for a time sufficient to raise the temperature of the tissue or organ by 20 to 30 degrees C.